



**Inter-Graduate School Program for
Sustainable Development and Survivable Societies**

Interdisciplinary Seminar

[#72-(1)] [#73-(1)] [#74-(1)]

※ You can attend all sessions. However, maximum of three credits of interdisciplinary seminar will be awarded for three or more sessions attended.

① Implementation Science and Research for Health for All

Speaker 1: Dr. Sarah Louise Barber, Director of WHO Kobe Centre

Speaker 2: Dr. Makoto Suematsu, Director of Japan Agency for Medical Research and Development (AMED)

Date: 09:30am-11:00 am, Monday, December 3, 2018

**Venue: Symposium Hall, 5th floor,
International Science Innovation Building,
Kyoto University (Yoshida Campus)**

< Summary >

“Kyoto Global Conference for Rising Public Health Researchers” (KGC) is an international conference annually hosted by Kyoto University School of Public Health. With the main aim to nurture and empower students and early career researchers, since 2015, KUSPH has been organizing the KGC, inviting participants from renowned Public Health related institutions worldwide to exchange and sharing of ideas, lesson learned, experience and solutions to the increasingly challenging health problems of the 21st century. The KGC audience consists of students, early career researchers, and staff/faculty from partner universities.

- Chiang Mai University - Faculty of Public Health (Thailand)
- Chulalongkorn University - College of Public Health Sciences (Thailand)
- Kyoto University - School of Public Health (Japan)
- London School of Hygiene and Tropical Medicine (UK)
- Mahidol University - Faculty of Public Health (Thailand)
- National Taiwan University - College of Public Health (Taiwan)
- National University of Singapore - Saw Swee Hock School of Public Health (Singapore)
- University of Malaya - Faculty of Medicine, The Department of Social and Preventive Medicine (Malaysia)
- WHO Kobe Centre (Japan)

The theme of 2018 KGC is “Implementation Research and Science for Health for all”. A key challenge faced by the Public/Global health community is how to get proven effective interventions off the shelves and implement them in the real world to improve health and save lives. The 2018 KGC is devoted to raising awareness and understanding of implementation research and science for health for all.

Dr. Barber will deliver a keynote speech on “Implementation Science: scaling up of proven interventions to real world settings”.

The last few decades have seen great innovations in extending care and treatment for many conditions globally. However, while we have research on clinical interventions, medicines, and vaccines, we are failing to convert these scientific findings to population level differences. One of the greatest challenges that we are facing is implementing already proven and efficacious solutions. This challenge is the very heart of the concept of “sustainable development” and universal health coverage. In studying interventions, several analytical challenges remain. First, even among basic health interventions, the causal pathways from an activity, drug, or technology to a health outcome can be complex – and particularly for some of the health system interventions such as decentralization for example, causal pathways can be very complicated. It is important, therefore, to map out a logical sequence between interventions and outcomes, to identify the most important structural constraints in the health system in addition to individual behavioural factors that modify these relationships. Secondly, most researchers are taught that objectivity and independence are a critical part of doing research, and sometimes take pride in not having contact with implementing agencies or governments. Implementation research, however, requires a different approach because good implementation research is designed to match the implementation plan for the intervention. This requires the involvement local decision makers, local government, health workers, and communities in the study design. Only by doing so can you fully understand the steps and decisions by which a program was implemented, and design a good study. Third, behaviours of people, patients, users of health services are critical in understanding impact.

Dr. Suematsu will deliver his speech on “Mission of AMED : Global data sharing”.

In April 2015, AMED was started to fast-track medical R&D and to improve a quality of life for people. Among a diversity of different medical researches, AMED has chosen a field of rare and undiagnosed diseases to tackle with a number of obstacles including rigid and inflexible funding systems and “Balkanization” of mindsets among academia and researchers. We launched “Initiative for Rare and Undiagnosed Diseases (IRUD)” as the first leading project. It aims to spread a concept of sharing clinical data, and “microattribution” that should be recognized by all project leaders. AMED has also joined in International Rare Disease Consortium (IRDiRC) to share many experiences in rare disease researches which were accumulated over 40 years in Japan. Solving Balkanization among different sectors which participate in medical R&D gives a clue to fast-track implementation of outcomes among all other fields of medical researches. Furthermore, IRUD Exchange (Clinical data base providing pathogenic variant data linked with phenotype data) is now shared with Matchmaker Exchange database to facilitate global data sharing to save rare disease patients over the world. I would present an overview of our missions and introduce our novel projects including IRUD.

② Introduction to Meta-Analysis and Network Meta-Analysis

Speaker: Professor Toshi A. Furukawa, MD, PhD
Kyoto University School of Public Health

Date: 09:00am - 12:00pm, Wednesday, December 5, 2018

**Venue: Seminar room B, Second floor, G-building, Medical campus,
Kyoto University**

(Building no. 18 on the map: <http://bit.ly/1hIbR2j>)

**Large Seminar Room, First floor, Science Frontier Building,
Medical campus, Kyoto University**

(Building no. 16 on the map: <http://bit.ly/1hIbR2j>)

< Summary >

Professor Toshi A. Furukawa is Professor of Departments of Health Promotion and Human Behavior, and of Clinical Epidemiology at Kyoto University Graduate School of Medicine / School of Public Health, since 2010. Prof Furukawa's major areas of interest and expertise include clinical epidemiology, evidence synthesis, and clinical psycho-pharmacology and cognitive-behavior therapy. He is author and co-author of over 350 peer-reviewed articles, including:

■ Cipriani A*, Furukawa TA*, Salanti G*, et al (2018) Comparative efficacy and acceptability of 21 antidepressant drugs for the acute treatment of adults with major depressive disorder: a systematic review and network meta-analysis. *Lancet*, 391, 1357-1366. (*: co-first authors)

■ Nikolakopoulou A, Mavridis D, Furukawa TA, et al (2018) Living network meta-analysis compared with pairwise meta-analysis in comparative effectiveness research: empirical study. *BMJ*, 360, k585.

■ Furukawa TA, Efthimiou O, Weitz ES, et al (2018) Cognitive-Behavioral Analysis System of Psychotherapy, drug, or their combination for persistent depressive disorder: Personalizing the treatment choice using individual participant data network metaregression. *Psychotherapy and Psychosomatics*, 87, 140-153.

■ Pompoli A, Furukawa TA†, Efthimiou O et al (2018) Dismantling cognitive-behaviour therapy for panic disorder: a systematic review and component network meta-analysis. *Psychological Medicine*, 48, 1945-1953. (†: corresponding author)

After this three-hour workshop, the participants will be able to:

1. Understand the basic principles of meta-analysis
2. Understand the basic principles of network meta-analysis
3. Understand how to frame the research question in network meta-analysis

③ Improving People's Lives with Innovation and Technology

Speaker: Mr. Toshi Nakamura ,Co-Founder & CEO, Kopernik

Date: 13:00pm- 14:30pm, Wednesday, December 5, 2018

**Venue: Seminar room A, Second floor, G-building, Medical campus,
Kyoto University**

(Building no. 18 on the map: <http://bit.ly/1hIbR2j>)

< Summary >

Toshi Nakamura is co-founder and CEO of Kopernik, an Indonesia-based organization that finds what works to reduce poverty. Toshi, together with Ewa, co-founded Kopernik in 2010 with a vision to make international development more effective. Before starting Kopernik, Toshi dealt with governance reform, peace building processes, monitoring and evaluation, and post-disaster reconstruction at the United Nations (UN) in Timor-Leste, Indonesia, Sierra Leone, the United States and Switzerland. Prior to joining the UN, Toshi was a management consultant for McKinsey and Company in Tokyo. He is a graduate of Kyoto University' Law Faculty, holds MSc Comparative Politics from the London School of Economics and Political Science, and is a Guest Professor at Osaka University's Center for the Study of Co*Design. Toshi was selected as a World Economic Forum (WEF) Young Global Leader in 2012, and was a member of the WEF Global Agenda Council on Sustainable Development 2014-2016.

After this 1.5 hour session, the participants will be able to:

1. Understand key challenges that people face in developing countries
2. Understand some examples of simple and innovative solutions to tackle those challenges

④ **Mentorship: How to give it, how to get it, and why it matters**

Improve your mentoring skills to increase career success and satisfaction

Speaker: Prof. Mitchell D. Feldman, MD, MPhil, FACP

University of California, San Francisco

Date: 15:00pm – 17:00pm, Wednesday, December 5, 2018

**Venue: Seminar room A, Second floor, G-building, Medical campus,
Kyoto University**

(Building no. 18 on the map: <http://bit.ly/1hIbR2j>)

< Summary >

Dr. Feldman is Professor of Medicine, Chief of the Division of General Internal Medicine and the Associate Vice Provost and Director of the Clinical Translational Science Mentor Training Program at the University of California, San Francisco. He trained in medical anthropology at Johns Hopkins University and at Cambridge University and in Internal Medicine at UCSF. He has been a visiting professor and has lectured widely on mentoring at major universities across the US and in Japan and China. His research and others have shown that mentoring is key to a more productive and successful career in research, teaching and clinical care. In this workshop, Dr. Feldman will discuss what are the key competencies of outstanding mentorship that support career success and satisfaction. Participants will use case studies to learn the fundamentals of how to find and work more effectively with a mentor; how to promote alignment in mentoring; and how to respond to mentoring challenges.

At the end of this workshop, participants will learn the fundamental skills of outstanding mentors and mentees and how to apply them to their mentoring relationships. They will find that improving your mentoring skills, as a mentee and/or as a mentor, is both fun and rewarding.

⑤ How to Write a Good Research Paper and Get Published Tips from an Editor in Chief

Speaker: Prof. Mitchell D. Feldman, MD, MPhil, FACP
University of California, San Francisco

Date: **13:00pm – 16:00pm**, Thursday, **December 6, 2018**

Venue: ~~Seminar room 335, Third floor, G-building, Medical campus,
Kyoto University~~

~~(Building no. 18 on the map: <http://bit.ly/1hIbR2j>)~~

**Seminar room A, Second floor, G-building, Medical campus,
Kyoto University
(Building no. 18 on the map: <http://bit.ly/1hIbR2j>)**

< Summary >

Dr. Feldman is Professor of Medicine, Chief of the Division of General Internal Medicine and the Associate Vice Provost at the University of California, San Francisco. He trained in medical anthropology at Johns Hopkins University and at Cambridge University and in Internal Medicine at the University of California, San Francisco. He is the immediate past Editor in Chief of the Journal of General Internal Medicine (JGIM), the #1 general medicine journal according to Google Scholar. Dr. Feldman has authored more than 100 research papers, numerous book chapters and is editor of a widely used text. In this interactive session, participants will have the opportunity to learn the essential components of a good research paper from the perspective of an editor in chief and learn how reviewers and editors assess the quality and importance of their work. Dr. Feldman will offer tips on how to construct and improve your research paper, how to choose a journal, and the common problems with papers that lead to rejection.

At the end of this workshop, participants will learn tips on how to write a successful research paper and get it published. They will have the opportunity to review abstracts from real papers submitted to JGIM and learn why some were successful and others rejected.

<Obligation to attendees>

Sign the attendance sheet at venue (if you can't find the sheet, look for Dr. Teeranee) and please actively participate to receive one credit for one interdisciplinary seminar.

※ You can attend all sessions. However, maximum of three credits of interdisciplinary seminar will be awarded for three or more sessions attended.

No registration required for Session ①: Implementation Science and Research for Health for All.

**For session ②-⑤, we PREFER that you register in the link below
<https://goo.gl/forms/hXjDkQMITkhxTDGG2>**

<Please see the program for details>

http://sph.med.kyoto-u.ac.jp/wordpress/wp-content/uploads/2018/10/Kyoto-Global_web.pdf